Associate in Applied Science in Technical Studies

Program Description:
The Technical Studies Degree, limited to high school students enrolled in the EDGE program, is designed to provide for cooperatively sponsored educational opportunities leading to the Associate in Applied Science degree and/or One-Year Certificate.

Mountwest Community & Technical College delivers educational programs in a variety of occupational fields to businesses and industries having an immediate need for such programs.

Components of the program include the following: general education, classroom instruction in a technical core and in the occupational area, and possible on-the-job training.

Technical Studies students must meet all normal admission and performance standards. Credits earned through either the approved apprenticeship programs or through industry-based education and training programs will not be added to the student’s collegiate transcript until the student has completed twelve program credit hours from Mountwest Community & Technical College and has obtained at least a 2.00 GPA.

The student who graduates with the Associate in Applied Science Degree in Technical Studies will possess:
• Supervisory skills
• Computer software skills
• Relevant essential math skills
• Written and oral communication skills

Vocational Site Partnerships:
In addition, Mountwest Community & Technical College (MCTC) offers a One-Year Certificate Program and an Associate of Applied Science in Technical Studies in conjunction with its Vocational Site Partnerships at Technical Centers in Cabell, Mason, Putnam and Wayne counties through EDGE.

Salary Forecast:
Median annual earnings for wage and salary graphic designers were $39,900 in May 2006. The middle 50 percent earned between $30,600 and $53,310. The lowest 10 percent earned less than $24,120, and the highest 10 percent earned more than $69,730. May 2006 median annual earnings in the industries employing the largest number of graphic designers:

- Specialized graphic design: $43,410
- Advertising and related services: $41,600
- Newspaper, periodical, book and directory publishers: $34,290
- Printing and related support activities: $33,930
- Newspaper publishers: $31,540

(Information obtained from the Occupational Outlook Handbook 2008-2009)
### Major Code - CT20 • Concentration Code - CT27

#### Component I - General Education

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>COM 112</td>
<td>Oral Communication</td>
<td>3</td>
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<tr>
<td>ENL 111</td>
<td>Written Communication</td>
<td>3</td>
</tr>
<tr>
<td>ENL 231</td>
<td>Technical Report Writing</td>
<td>3</td>
</tr>
<tr>
<td>IT 101</td>
<td>Fundamentals of Computers (EDGE)</td>
<td>3</td>
</tr>
<tr>
<td>MAT/SCI</td>
<td>Electives</td>
<td>6</td>
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<tr>
<td>SS</td>
<td>Social Science Elective</td>
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</table>

**TOTAL CREDITS** .............................................................. 21

#### Component II - Technical Core

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>AAT 255</td>
<td>Desktop Publishing</td>
<td>3</td>
</tr>
<tr>
<td>ENL 115</td>
<td>Written Communications</td>
<td>3</td>
</tr>
<tr>
<td>HMN 235</td>
<td>Leadership Development Studies</td>
<td>3</td>
</tr>
<tr>
<td>ID 110</td>
<td>Perspective Drawing Techniques</td>
<td>3</td>
</tr>
<tr>
<td>ID 120</td>
<td>Advanced Perspective Drawing</td>
<td>3</td>
</tr>
<tr>
<td>IT 107</td>
<td>Fundamentals of the Internet</td>
<td>3</td>
</tr>
<tr>
<td>IT 212</td>
<td>Publishing on the Internet</td>
<td>3</td>
</tr>
<tr>
<td>IT 240</td>
<td>Internet Data Communications</td>
<td>3</td>
</tr>
<tr>
<td>MG 101</td>
<td>Introduction to Business (EDGE)</td>
<td>3</td>
</tr>
<tr>
<td>MG 209</td>
<td>Occupational Safety</td>
<td>3</td>
</tr>
</tbody>
</table>

**TOTAL CREDITS** .................................................................. 9-21

#### Component III - Technical/Occupational Specialty

**Common Core Course:** Fundamentals of Graphic Design and Procedures (EDGE)

**Graphic Design Focus:**
- Basic Illustration (EDGE)
- Illustration (EDGE)
- Graphic Design (EDGE)

**Graphic Communication Focus:**
- Basic Darkroom Procedures (EDGE)
- Image Assembly and Plate making (EDGE)
- Offset Press and Bindery Operations (EDGE)

**TOTAL COMPONENT III HOURS** .................................. 20

#### Component IV - (Optional) On-the-Job Training in the Occupation (1-12 Credit Hours May Be Awarded)

A letter verifying completion of contact hours must be received by the Dean’s Office, located in the Mountwest Community & Technical College Building, Room 110 prior to applying for graduation for credit to be awarded. 160 clock hours equals 1 college credit hour.

**HOURS REQUIRED FOR GRADUATION:** 62

#### Employment Opportunities:

- Print shops
- Advertisers
- Publishers
- Computer Design Firms
- Video Entertainment Market

#### Earn A Degree Graduate Early (Edge):

This program provides students the opportunity to receive credit for their high school EDGE courses.

#### Contact Information:

Sumeeta Patnaik • Community College, Room 115
Phone: 304-696-3024 or 1-866-N-ROLLED (1-866-676-5533) • E-mail: patnaik1@mctc.edu

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1. Students must complete a minimum of 3 credit hours with Mountwest Community & Technical College to establish academic residency.
2. ENL 115 and ENL 231 have a prerequisite of ENL 111 or COM 111.
3. Six total Quantitative Skills/Laboratory Science Experience credits are required for Technical Studies Degree and General Education Core. At least one college-level mathematics course must be selected from: MAT 115, MAT 145, or MAT 150. Students may complete the six credit requirements with a second college-level mathematics course or select a laboratory science course from the following: SCI 110, SCI 120, or SCI 201.
4. Select from EC 102, SS 201, SS 210, or SS 215
5. AAT 255 has prerequisite of IT 101.
6. Required capstone course.
7. ID 120 has a prerequisite of ID 110.
8. IT 212 and IT 240 have prerequisite of IT 107.
9. Verification of completion of CTE classes with a score of 74% or better on the final exam must be forwarded to West Virginia Community and Technical College System in Charleston, by course instructor.